

Adding a Dahua camera to an Integrator Series NVR via PoE

In order to add a Dahua camera to an Integrator series NVR via built in PoE you will need to set the camera to “DHCP”, and select the correct “Time Zone”. Setting the camera to “DHCP” will allow the camera to pull its own IP address and sink with the PoE of the NVR. Setting the correct “Time Zone” will ensure that when the camera sinks with the NVR that the correct time will be displayed. Below are step by step instructions in achieving this.

1.) Log into the Camera’s web service

Use Internet Explorer or Mozilla Firefox to log on the camera by typing the cameras IP address into the browser bar. Below is the default information

Dahua default settings

IP address: 192.168.1.108

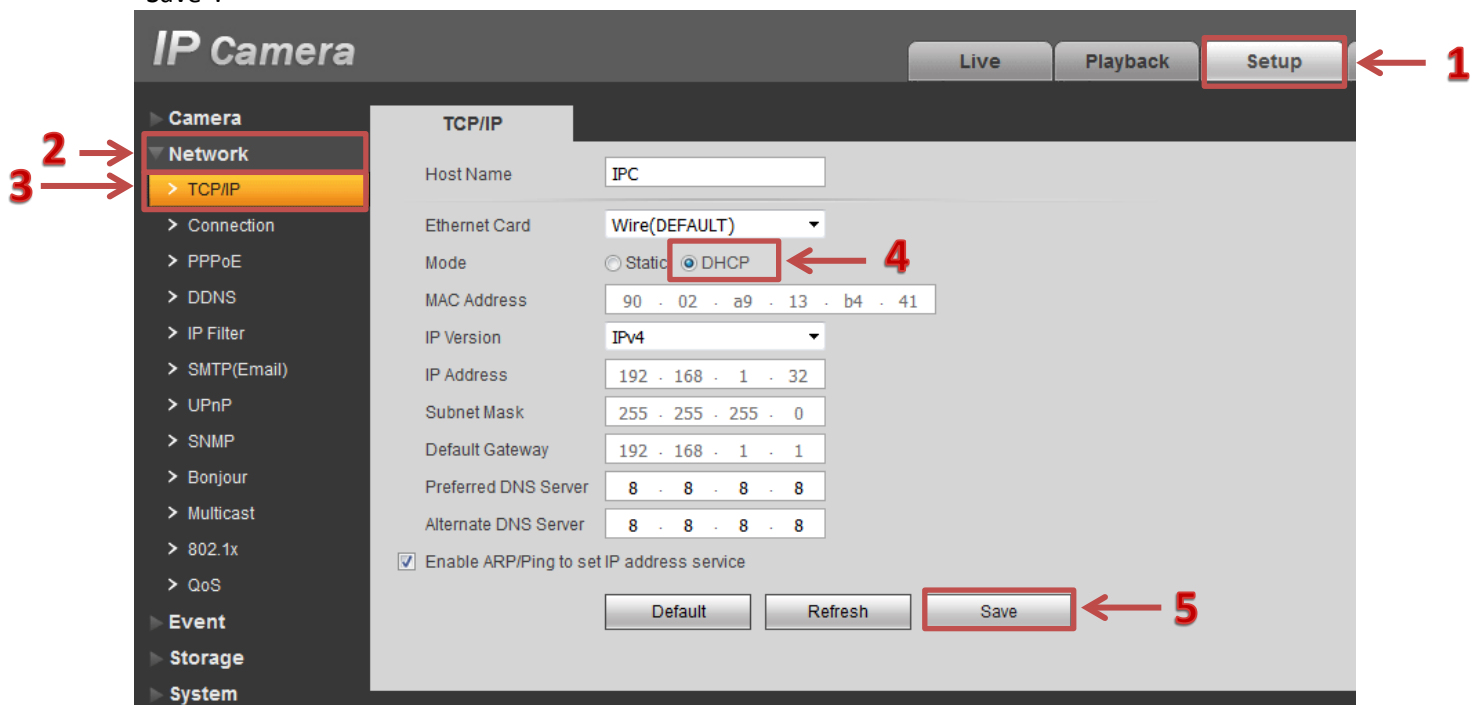
Username: admin

Password: admin

Note: If you are unable to pull up web service with the default IP address you may need to change the IP to match your network scheme. The “ConfigTool” off our website will allow search your network for connected Dahua devices and change their IP addresses.

2.) Set the Cameras to DHCP

Once login open the “Setup” tab on the top right of your browser. Then click “Network” on the left column and select “TCP/IP” under this section. You will then select the “DHCP” button and then click “Save”.

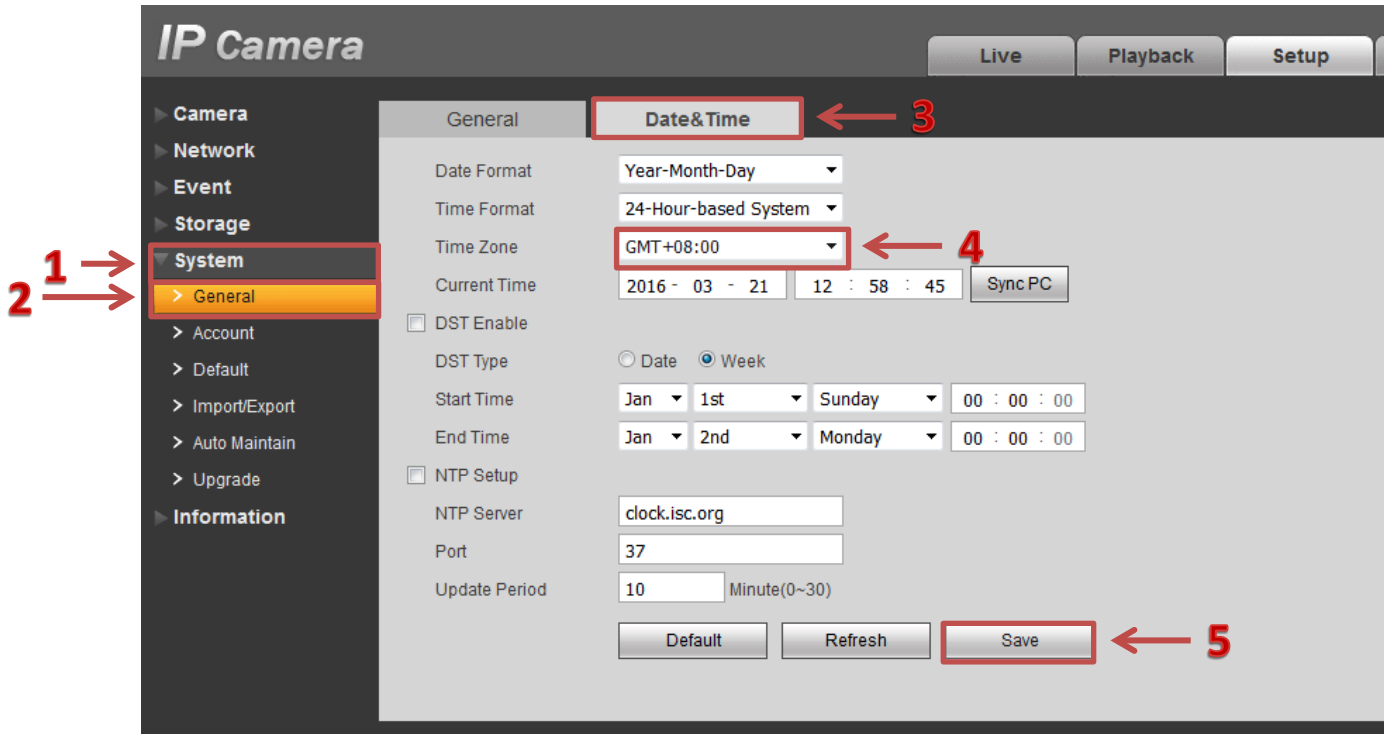


The screenshot shows the web interface for an IP camera. At the top right, there are three tabs: "Live", "Playback", and "Setup". A red box and arrow labeled "1" point to the "Setup" tab. On the left side, there is a navigation menu with categories: "Camera", "Network", "Event", "Storage", and "System". Under "Network", "TCP/IP" is selected, highlighted with a red box and arrow labeled "3". Above "TCP/IP" is "Network" with a red box and arrow labeled "2". In the main content area, the "TCP/IP" configuration page is shown. The "Mode" section has two radio buttons: "Static" and "DHCP". The "DHCP" button is selected and highlighted with a red box and arrow labeled "4". At the bottom of the configuration page, there are three buttons: "Default", "Refresh", and "Save". The "Save" button is highlighted with a red box and arrow labeled "5".

3.) Set the Cameras Time Zone

Select “System” then “General” on the left side column. Then select the “Date&Time” tab and change the “Time Zone” in the dropdown to the correct GMT that matches the NVR, and click “Save”.

Note: the NVRs GMT will be under **Menu >> System >> Time >> Time Zone** (Default is GMT+ 00:00).



The screenshot shows the IP Camera web interface. On the left sidebar, the 'System' menu item is highlighted with a red box and arrow labeled '1', and its sub-menu 'General' is also highlighted with a red box and arrow labeled '2'. The main content area has the 'Date&Time' tab selected, indicated by a red box and arrow labeled '3'. Within this tab, the 'Time Zone' dropdown menu is open, showing 'GMT+08:00' selected, with a red box and arrow labeled '4'. At the bottom of the configuration area, the 'Save' button is highlighted with a red box and arrow labeled '5'. Other visible settings include Date Format (Year-Month-Day), Time Format (24-Hour-based System), Current Time (2016-03-21 12:58:45), DST Enable (unchecked), DST Type (Week selected), Start Time (Jan 1st Sunday 00:00:00), End Time (Jan 2nd Monday 00:00:00), NTP Setup (unchecked), NTP Server (clock.isc.org), Port (37), and Update Period (10 Minute(0-30)).

4.) Connect the Camera to the PoE of the NVR

The camera is now ready to be connected to the NVR’s PoE. Once connected the camera will automatically be added by the NVR, and will display on the screen.

Note: If the camera doesn’t come up after a few min’s check to make sure that the channel is set for “Plug-and-Play”. This will be in the NVR menu under the **Menu >> Camera >> Camera** then select “Edit” on the corresponding channel of the PoE slot you are using. The “Add Mode” should be set to “Plug-and-Play” to auto add the PoE camera.